

EDFA: ERBIUM-DOPED FIBER AMPLIFIER (1530 - 1570 nm)
 GS-EDFA: GAIN-SHIFTED EDFA (1570 - 1610 nm)
 EDTFA: TELLURITE-BASED EDFA (1530 - 1610 nm)
 TDFA: THULIUM-DOPED FLUORIDE-BASED FIBER AMPLIFIER (1450 - 1490 nm)
 RFA: RAMAN FIBER AMPLIFIER (1450 - 1650 nm OR MORE)

FIG. 1

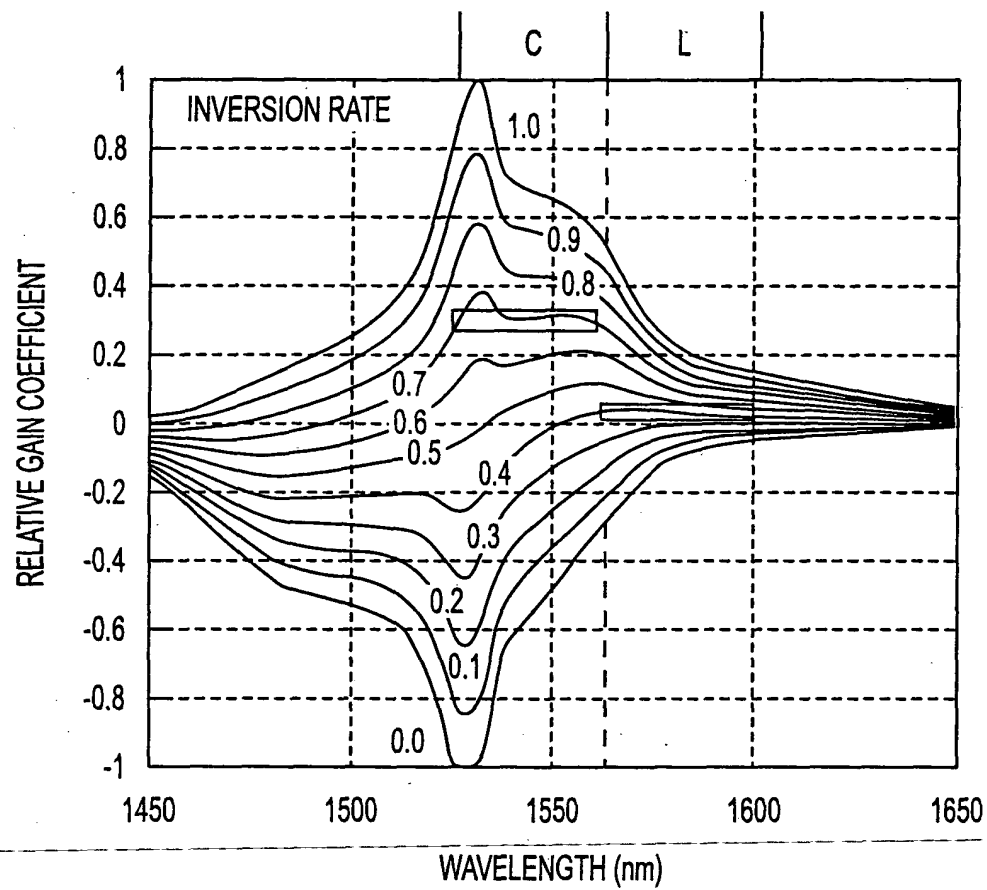


FIG. 2

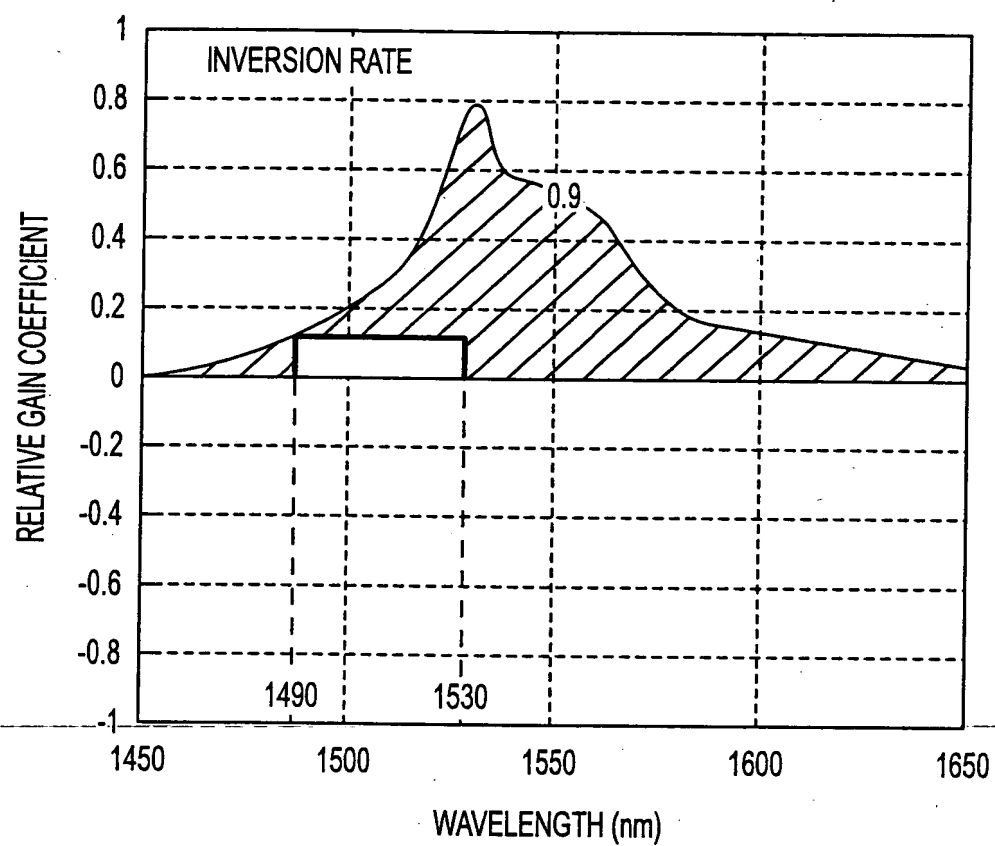


FIG. 3

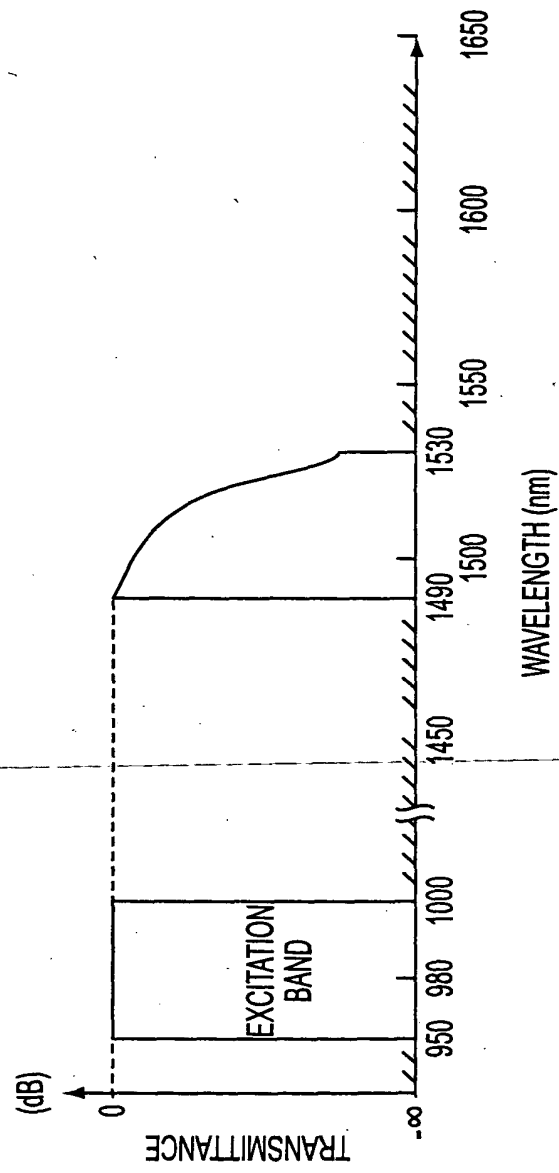


FIG. 4

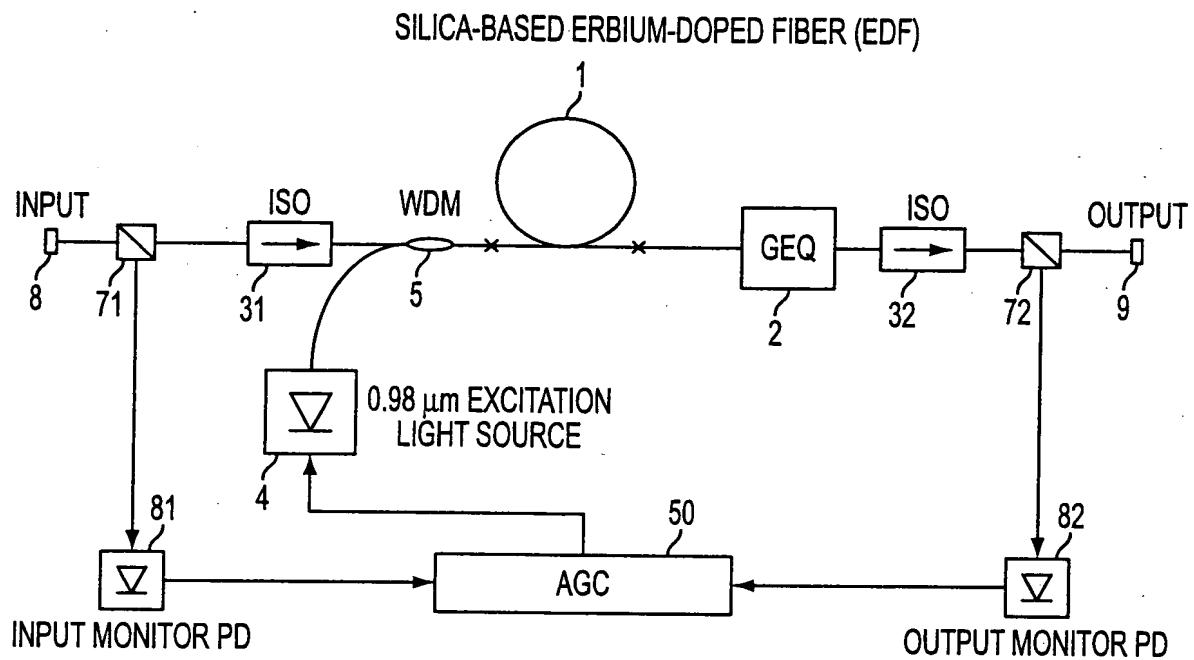


FIG. 5

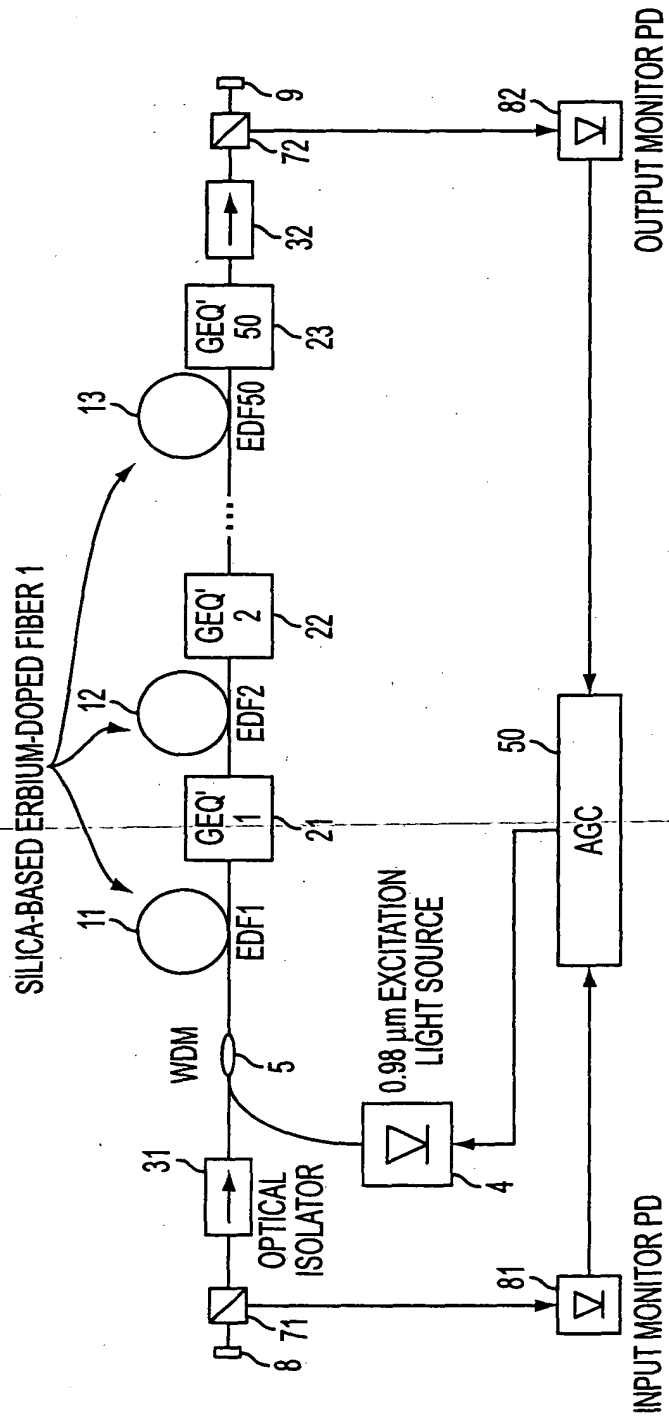


FIG. 6

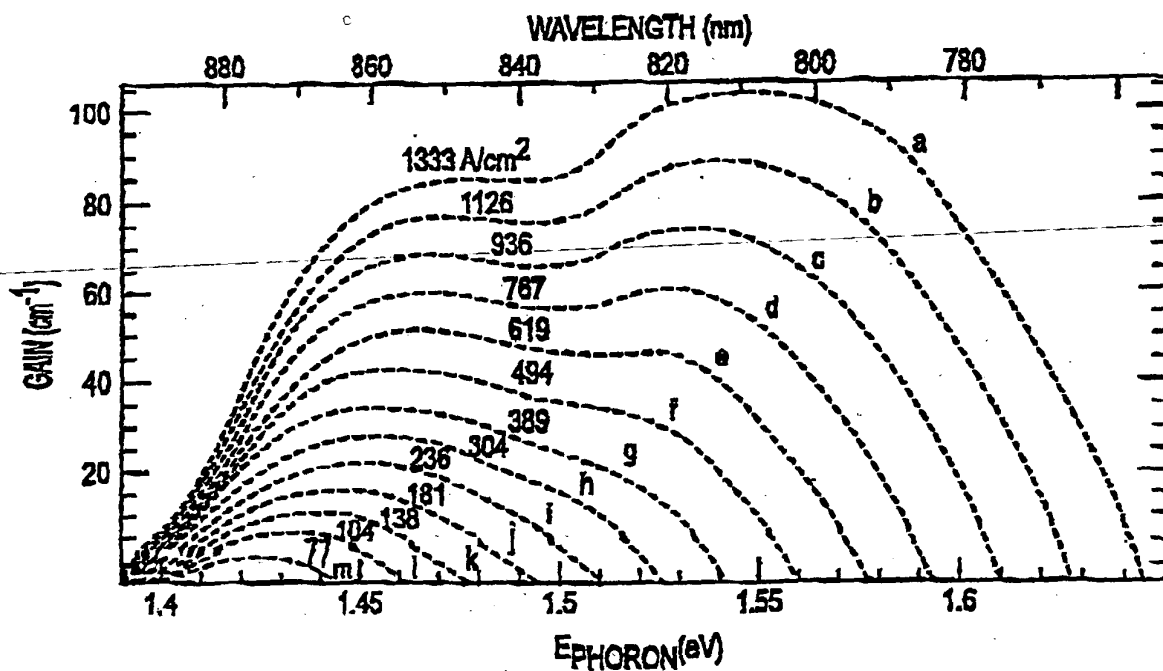
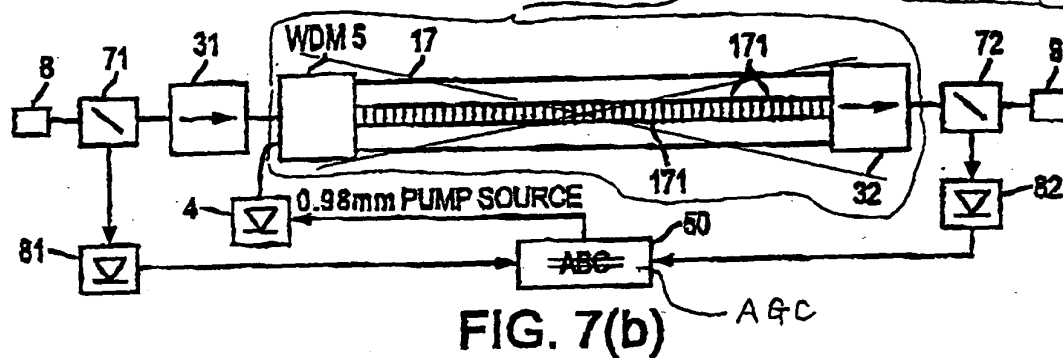
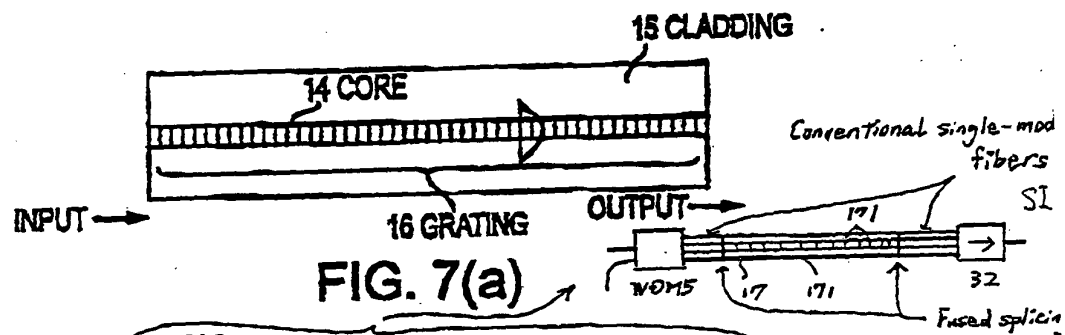


FIG. 8

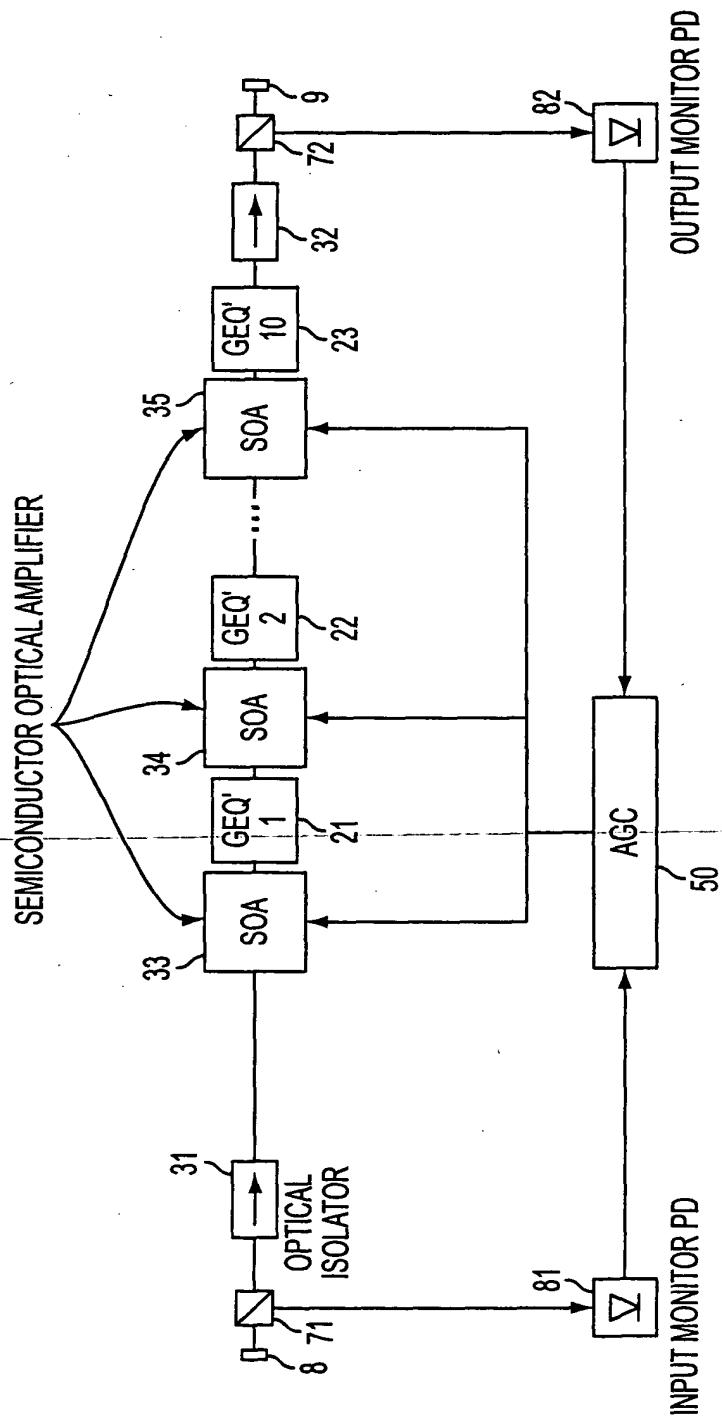


FIG. 9

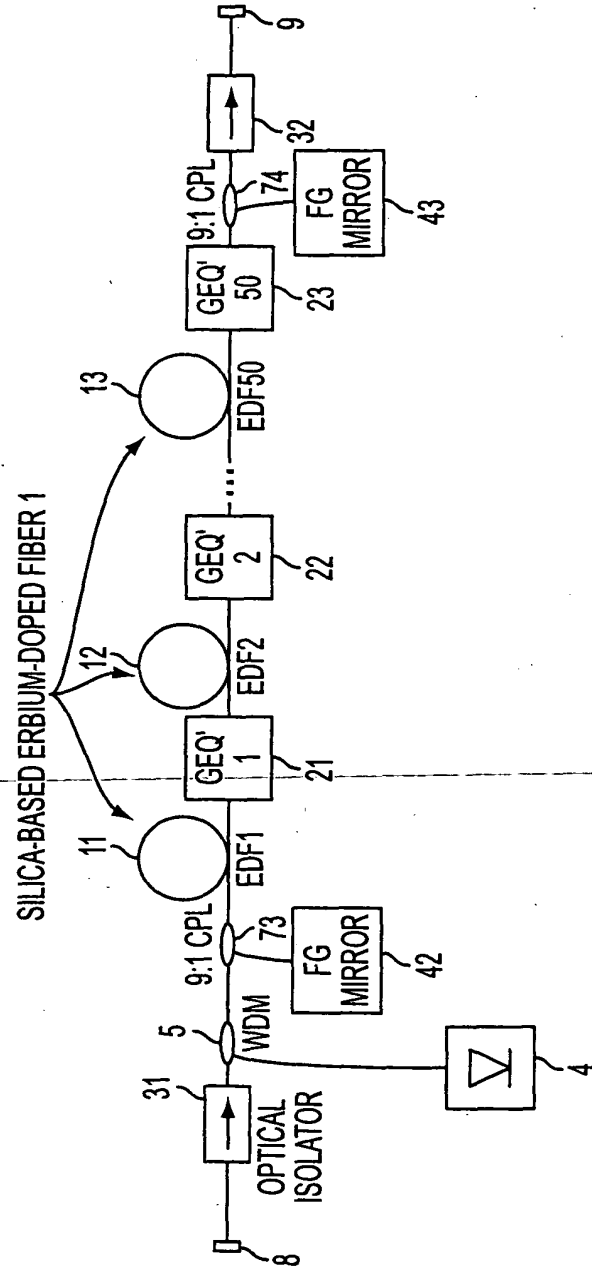


FIG. 10

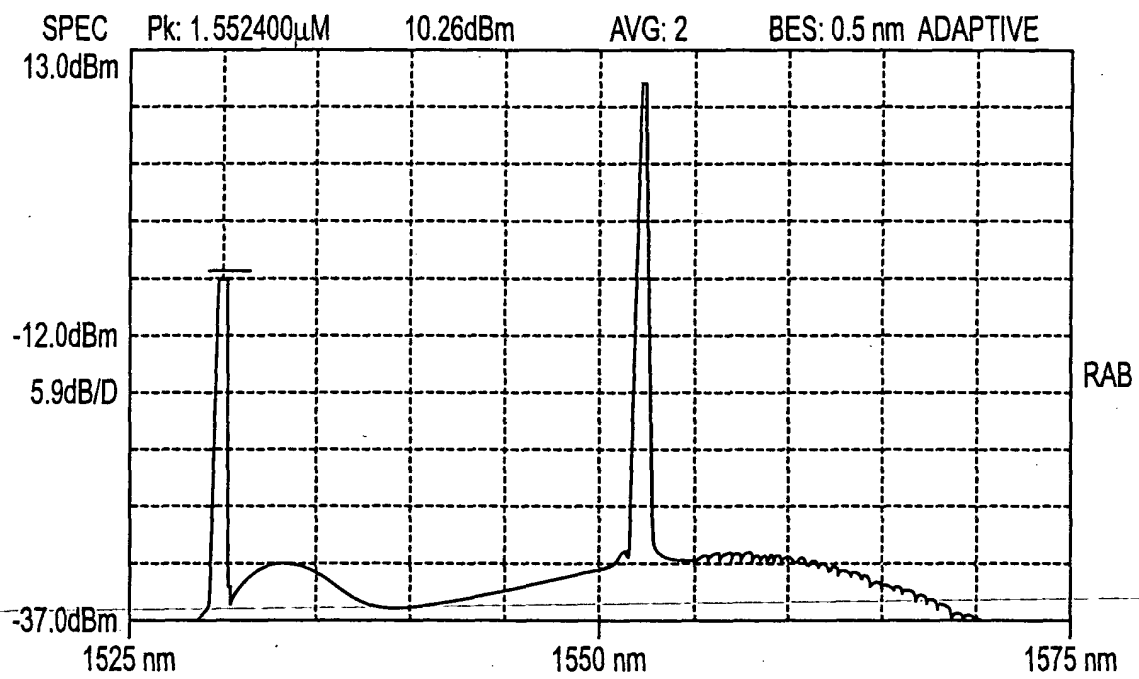


FIG. 11

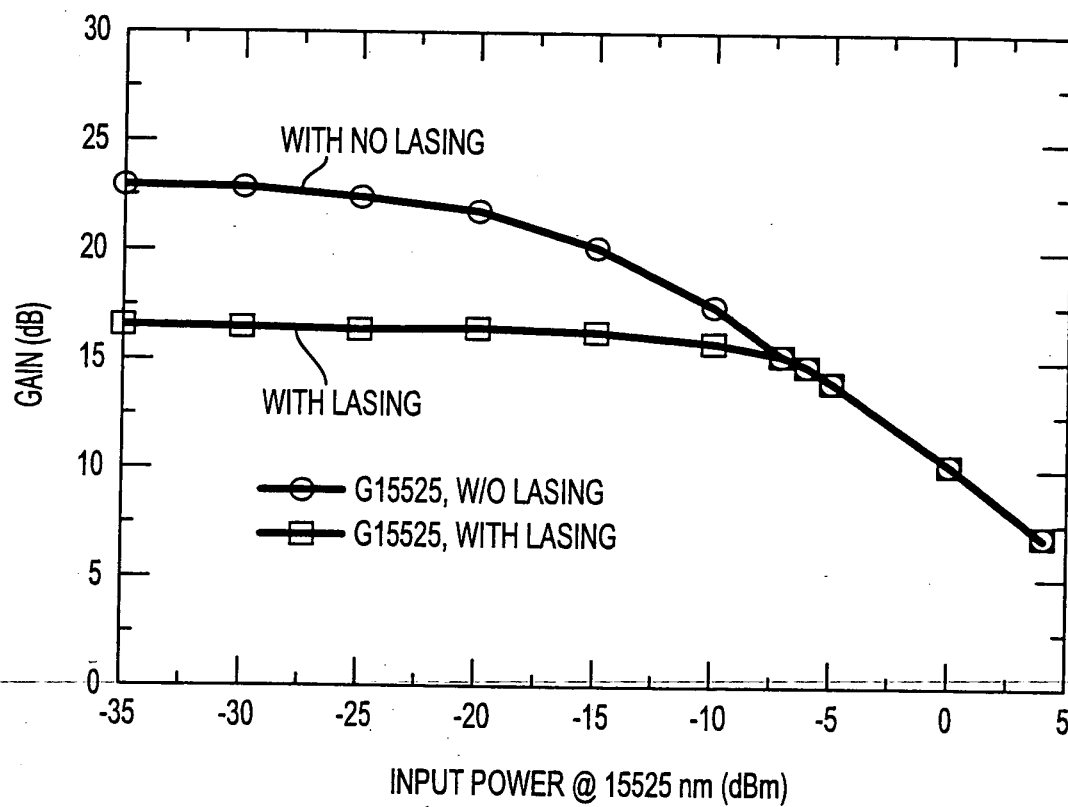


FIG. 12

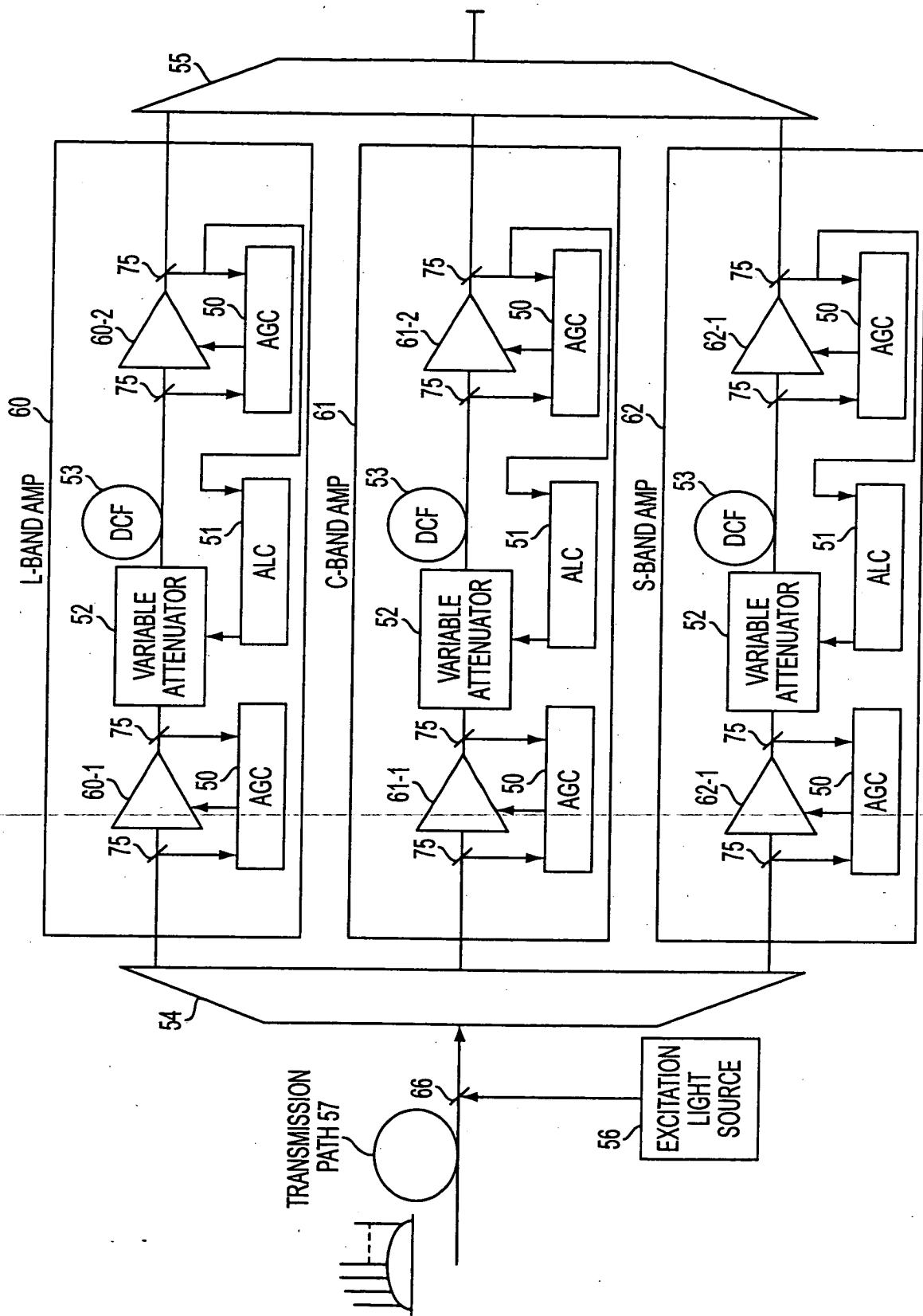


FIG. 13